

3653

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**  
**(Under 37 CFR 1.97(b) or 1.97(c))**

Docket No.  
**682.CAEP:101\_US**

In Re Application Of: **Hamed et al.**

MAY 03 2002

PATENT TRANSFER  
C2

Serial No.	Filing Date	Examiner	Group Art Unit
<b>10/056,579</b>	<b>January 25, 2002</b>	<b>N/A</b>	<b>3653</b>

Title:

**SAND SEPARATING APPARATUS FOR A THERMAL SAND REMOVAL OVEN**

Address to:

**Assistant Commissioner for Patents  
Washington, D.C. 20231**

**37 CFR 1.97(b)**

1.  The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

**37 CFR 1.97(c)**

2.  The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:

the statement specified in 37 CFR 1.97(e);

OR

the fee set forth in 37 CFR 1.17(p).

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GROUP 3600

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**  
 (Under 37 CFR 1.97(b)(1)(A)(c))

Docket No.  
 682.CAEP:101\_US\_

In Re Application: Hamed et al.

MAY 03 2002

COPY OF PAPERS  
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Serial No.  
 10/056,579

Filing Date  
 January 25, 2002

Examiner  
 N/A

Group Art Unit  
 3653

SAND SEPARATING APPARATUS FOR A THERMAL SAND REMOVAL OVEN

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**GROUP 3600**

**Payment of Fee**

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- A check in the amount of \_\_\_\_\_ is attached.
- The Assistant Commissioner is hereby authorized to charge and credit Deposit Account No. 50-0822 as described below. A duplicate copy of this sheet is enclosed.
  - Charge the amount of \_\_\_\_\_
  - Credit any overpayment.
  - Charge any additional fee required.

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I certify that this document and authorization to charge deposit account is being facsimile transmitted to the United States Patent and Trademark Office (F

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**Certificate of Mailing by First Class Mail**

I certify that this document and fee is being deposited ON April 24, 2002 with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Edward Tracy Jr.

*Signature of Person Mailing Correspondence*

Edward Tracy, Jr.

\_\_\_\_\_  
 Typed or Printed Name of Person Mailing Certificate

\*This certificate may only be used if paying by deposit account.

Edward Tracy Jr.  
 Signature

Dated: April 24, 2002

Edward Tracy, Jr.  
 Registration No. 47,998  
 Attorney for Applicant  
 Simpson & Simpson, PLLC  
 5555 Main Street  
 Williamsville, NY 14221-5406  
 Telephone No. 716-626-1564

CC:



**U.S. UTILITY PATENT APPLICATION  
ATTORNEY DOCKET NO. 682.CAEP:101\_US\_**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**  
**In the Matter of United States Patent Application:**

Applicant(s): Hamed et al.

Examiner: N/A

Serial No.: 10/056,579

Art Unit: 3653

Filed: January 25, 2002

For: SAND SEPARATING APPARATUS FOR A THERMAL SAND REMOVAL  
OVEN

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*Edward Tracy Jr.*  
Edward Tracy, Jr., Esq.  
Registration No. 47,998

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**GROUP 3000**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Honorable Sir:

This Information Disclosure Statement is submitted in compliance with 37 C.F.R. §§ 1.56 and 1.97 through 1.98.

Record is made herebelow of published art for consideration during prosecution of the above-identified patent application. No representation is made or intended that a search has been

made or, if made, was complete, or that no more pertinent art than that listed is available. It is expected that the Patent and Trademark Office will conduct an independent search for relevant prior art.

Unless otherwise indicated, a full text copy of the entire reference of published art is attached. Where specifically indicated, an equivalent English language patent or publication is attached in lieu of the translation.

In accordance with the Patent and Trademark Office Notice of August 15, 1980, also enclosed is a completed Form PTO-A820 (Form PTO-1449).

Please consider the following published art:

Kefa Cen, Xiaodong Li, Yangxin Li, Jianhua Yan, Yueliang Shen, Shaorong Liang & Mingjiang Ni, Experimental study of a finned tubes impact gas-solid separator for CFB boilers, Chemical Engineering Journal 66 (1997) pages 159-169, discloses an apparatus for removal of solids from a gas stream of a CFB boiler.

S. De, A. K. Lal & P. K. Nag, An experimental investigation on pressure drop and collection efficiency of simple plate-type impact separator, Powder Technology 106 (1999) pages 192-198, discloses an apparatus for removal of solids from a gas stream of a CFB boiler.

Respectfully submitted,

*Edward Tracy Jr.*

Edward Tracy, Jr., Esq.  
Registration No. 47,998  
Attorney for Applicant  
Simpson & Simpson, PLLC  
5555 Main Street  
Williamsville, NY 14221-5406  
Telephone No. 716-626-1564

Dated: April 24, 2002

EWT  
Enclosures (2)

